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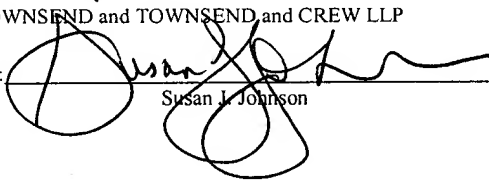
Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

On

April 5, 2007

TOWNSEND and TOWNSEND, and CREW LLP

By:


Susan L. Johnson

PATENT
Attorney Docket No.: 015270-006430US
Client Ref. No.: 228-US-NEW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

John P. Anderson et al.

Application No.: 09/471,669

Filed: December 24, 1999

For: BETA-SECRETASE ENZYME
COMPOSITIONS AND METHODS

Customer No.: 20350

Confirmation No. 9856

Examiner: Walicka, Malgorzata A.

Technology Center/Art Unit: 1652

AMENDMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed December 5, 2006, please enter the following amendments and remarks:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 38 of this paper.